

thereto, is attached. Note that all the claims currently pending in this application, including those not presently being amended, are set forth below for the Examiner's convenience.

1. (Amended) An electron-emitting device having a pair of electric conductors disposed on a substrate and a pair of films composed chiefly of carbon and connected to said pair of electric conductors and disposed with a gap interposed therebetween, characterized in that said films contain therein one or more kinds of elements selected from the group of lithium, potassium, sodium, calcium, strontium and barium within the range of 1 mol% to 5 mol% in terms of the percentage to carbon.

2. (Amended) An electron-emitting device provided with a pair of device electrodes disposed on a substrate, an electrically conductive film connected to said pair of device electrodes and having a fissure between the pair of device electrodes, and a carbon film composed chiefly of carbon and formed in said fissure and on an area including said fissure and having in said fissure a gap of a width narrower than

said fissure, characterized in that said carbon film contains therein one or more kinds of elements selected from the group of lithium, potassium, sodium, calcium, strontium and barium within the range of 1 mol% to 5 mol% in terms of the percentage to carbon.

3. (Not Changed From Prior Version) An electron source characterized by the provision of a plurality of electron-emitting devices according to Claim 1 or 2 disposed on a substrate, and wirings connected to said electron-emitting devices.

4. (Not Changed From Prior Version) An image forming apparatus characterized by the provision of an electron source according to Claim 3, and an image forming member for effecting image formation by electrons emitted from said electron source colliding against it.

REMARKS

Claims 1-4 remain pending in this application.

Claims 1 and 2 have been amended as shown above. Those claim